

Location

Observer

Date *December 1963* Time *diurnal* to

Weather

Miles = 1482

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross	1							
Black-footed Albatross		27						
Wedge-tailed Shearwater			213					
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel	1							
Red-tailed Tropicbird		26						
White-tailed Tropicbird	7							
Masked Booby		13						
Brown Booby	7							
Red-footed Booby			130					
Great Frigatebird		13						
Golden Plover	1							
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		70						
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern		23						
<i>Kermadec Petrel</i>	1							
<i>Leach's Storm Petrel</i>		22						
<i>Pomarine Jaeger</i>		17						
<i>Japanese White-eye</i>	3							
<i>Passerine</i>		42						
<i>Storm Petrel</i>	1							
<i>Tropicbird</i>	1							
<i>Booby</i>		30						
<i>Sooty ? Shearwater</i>	1							
<i>Shearwater - Petrel</i>			207					
<i>Pterodroma</i>		68						
<i>Bird</i>	17							Total Birds = 942

DECEMBER

Location 20°08'N 161°53'W at 1200

Observer

Date 04 December, 1963 Time 0630 to 1950

Weather

miles = 112

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross	4							
Wedge-tailed Shearwater		54						4.8
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	/							
White-tailed Tropicbird	/							
Masked Booby								
Brown Booby	/							
Red-footed Booby	/							
Great Frigatebird	3							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		25						2.2
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern		22						
Leach's Storm Petrel	4							
Japanese White Eye	/							
Pterodroma	7							
Passerine		42						
Booby	3							
Shearwater - Petrel	6							Total birds = 175 6

Location $18^{\circ}21'N$ $165^{\circ}21'W$ at 1200

Observer

Date 05 December, 1963 Time 0630 to 1830

Weather

11.2

miles = 113

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	4							0.4
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	/							
White-tailed Tropicbird								
Masked Booby								
Brown Booby	/							
Red-footed Booby	3							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0.0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Japanese White eye	2							
Leach's Storm Petrel	6							
Shearwater-Petrel	3							
Pterodroma	2							Total birds = 22 2.0

Location 13°43'N → 169°45'W at 1200

Observer

Date 07 December, 1963 Time 0650 to 1915

Weather

miles = 104

[illegible]

Location 13°21'N 171°24'W at 1200

Observer

Date 08 December, 1963 Time 0900 to 1910

Weather

11.3

miles = 88

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	2							0.2
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	5							
White-tailed Tropicbird								
Masked Booby	2							
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0.0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Leach's Storm Petrel	1							
Pterodroma	3							
bird	5							Total Birds = 19 1.7

Location 13° 58' N, 172° 46' W at 1200

Observer

Date 10 Dec 1963 Time 0745 to 1915

Weather

11.3

miles = 114

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	3							0.3
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby	2							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0.0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Shearwater-Petrel	3							
Pterodroma	2							Total birds = 10 0.9

Location 16°22'N 171°00'W at 1200

Observer

Date 11 December, 1963 Time 0715 to 1905

Weather

11.2

miles = 97

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		40						3.6
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	/							
Masked Booby	/							
Brown Booby								
Red-footed Booby	6							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								0.0
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Leach's Storm Petrel	/							
Shearwater - Petrel	1							
Pterodroma		10						Total birds = 60 5.4

Location 14°43'N 173°26'W at 1200

Date 12 December, 1963 Time 0200 to 1900

114

miles = 102

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	/							0.1
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	/							
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby	2							
Great Frigatebird								
Golden Plover	/							
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	/							0.1
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Shearwater - Petrel	1							
Pterodroma	2							
Gird	1							Total birds = 10 0.9

miles = 100

[illegible]

miles = 110

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	/							O.I.
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	/							
White-tailed Tropicbird								
Masked Booby	2							
Brown Booby								
Red-footed Booby		4/						
Great Frigatebird	2							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								O.O.
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Booby		18						
Pterodroma	3							
bird	1							Total birds = 69 6.2 ✓

miles = 97

[illegible]

miles = 120

[illegible]

Location 20°57'N, 158°32'W at 1000

Observer

Date 17 December, 1963

Time ~~0645~~ to 1430

Weather

7.5

miles = 70

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross	8							
Wedge-tailed Shearwater								O.O
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby	/							
Great Frigatebird	/							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								O.O
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Pomarine Jaeger	5							
								Total birds = 17 2.3

Many of the albatross, jaegers, & wedgetails may have been counted more than once as they were following fantail, therefore could not tell if birds were being replaced.

Observer Bratley, Ely, Fleet, King Date Dec 4, 1963 Time 6:30 AM to 6:30 PM

Weather Warm with very little wind - partly cloudy to clear -

[illegible]

SPECIES	1-10	10-100	100-1000	1000	Nests	Eggs	Young	Remarks
Laysan Albatross								
Black-footed Albatross		10						Est. due to following ship - may be less
Wedge-tailed Shearwater		59						All immature
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	3							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird	1							
Masked Booby								
Brown Booby	1							
Red-footed Booby	6							
Great Frigatebird	2							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		25						Gray-Back Terns could be mixed in.
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern		21						
Harcourt's Storm Petrel	4							
White-Necked Petrel	2							
Japanese White-Eye		43						
Unidentified:								Note: 187 birds 178 unidentified 13 species
Shearwater	4							
Shearwater/Petrel	1							
Petrel	2							Black-Footed Albatross banded 737-45002
Booby	2							

Observer Bratley, Ely, Fleet, King Date Dec 5, 1963 Time 6:30 AM to 6:30 PM
Weather Partly cloudy, warm, only slight breeze

Observer Bratley, Ely, Fleet, King Date Dec 5, 1963 Time 6:30 AM to 6:30 PM
Weather Partly cloudy, warm, only slight breeze

Weather Partly cloudy, warm, only slight breeze

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	4							
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird								
Masked Booby								
Brown Booby	1							
Red-footed Booby	3							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	1							
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
White-Necked Petrel	1							
Harcourt's Storm Petrel	6							
Japanese White-Eye	2							
Unidentified	7							Collected

Note: 26 birds
19 identified
8 species

Location

Observer Bratley, Ely, Fleet, King Date Dec. 6, 1963 Time 7 AM to 7 PM

Weather Moderate Warm - Cloudy with intermittent rain

ranging from light to heavy. Visibility limited - sea with whitecaps

Heavy winds

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross	1							
Black-footed Albatross								
Wedge-tailed Shearwater		13						
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	7							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird								
Masked Booby								
Brown Booby	1							
Red-footed Booby		76						
Great Frigatebird	4							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern		26						
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Sooty Shearwater	1							? - Identified by sight only - I didn't
White-necked Petrel	4							
Harcourt's Storm Petrel	5							
Sooty Storm Petrel	2							May also be questionable - Poor light
Dark-rumped Petrel	1							
Unidentified:								Notes: 319 birds
Shearwater	1							142 identified
Shearwater/Petrel			166					13 species
Booby	4							
Tropicbird	1							
Petrel	4							
Bird	1							

Location

Observer Bratley, Ely, Fleet, King Date Dec. 7, 1963 Time 7AM to 7PM
Weather Warm, Partly cloudy to clear - moderate wind -
small swells

[illegible]

Location

Observer Bratley, Ely, Fleet, King Date Dec 8, 1963 Time 7 AM to 7 PM
Weather Warm - mainly partly cloudy

Weather Warm - mainly partly cloudy to clear - afternoon slight + short drizzle for awhile - 10 knot winds - Swells shallow but rough, calm in evening.

[illegible]

Location

Observer Bratley, Ely, Fleet, King Date Dec. 9, 1963 Time 7AM to 7PM
Weather W. B. 100%

Weather Warm - Partly cloudy to cloudy - moderate wind - Swells moderately shallow.

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	9							
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	3							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	5							
White-tailed Tropicbird								
Masked Booby	5							
Brown Booby								
Red-footed Booby	1							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
White-Necked Petrel	7							
Kermadec Petrel	1							I didn't observe it
Harcourt's Storm Petrel	1							
Unidentified:								
Shearwater	1							all dark
shearwater/Petrel	2							
Storm Petrel	1							
								Note: 36 birds 32 identified 8 species

Location

Observer Bratley, Ely, Fleet, King Date Dec. 10, 1963 Time 7 AM to 7 PM
Weather M, L, T

Weather Moderately warm - Cloudy with occasional stretches sunlight.
Wind 33 knots - S. with light gusts.

Wind 22 knots - Swells with depth to about 12 feet.

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	5							
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red footed Booby	2							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
White-Necked Petrel	1							
Unidentified								
Shearwater/Petrel	1							
Petrel	1							

Note: 10 birds
8 identified
3 species

strong - Swells moderately deep.	Abundance	Breeding
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SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		40						
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	3							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	1							
Masked Booby	1							
Brown Booby								
Red-footed Booby	6							1 immature collected
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Dark-Rumped Petrel	2							
White-Necked Petrel	2							
Trinidad Petrel	1							See Daily Log*
Harcourt's Storm Petrel	1							
Unidentified:								
Shearwater	1							
Shearwater/Petrel	1							
Petrel	2							
Note:								61 birds 57 identified 9 species

[illegible]

Date Dec. 12, 1963 Time 7 AM to 7 PM

Observer Bratley, Ely, Fleet, King

Observer Bratley, Ely, Fleet, King
Weather Warm - Partly cloudy to overcast - wind NE, 13 knots -
scattered few whitecaps.

Weather Warm - Partly cloudy
scattered showers - Swells NE, 5 feet, few whitecaps

Note: 11 birds
7 identified
6 species

Location

Observer Brathey, Ely, Fleet, King Date Dec. 13, 1963 Time 7 AM to 7 PM

Weather Warm - Partly cloudy to cloudy - High winds directed into bow of ship - low swells with white caps.

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nest's	Eg's	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater		35						
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	5							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird								
Masked Booby	1							immature
Brown Booby	1							
Red-footed Booby	2							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Dark-Rumped Petrel	1							
unidentified:								
Shearwater/Petrel	2							
Petrel	2							
								Note: 49 birds 45 identified 6 species

Location

Observer Bratley, Ely, Fleet, KingDate Dec. 14, 1963 Time 7AM to 7PMWeather Warm, partly to cloudy - strong winds directed into ship's bow - swells 4-6 ft deep with white caps.

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	+	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	1							
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	2							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	1							
White-tailed Tropicbird								
Masked Booby	2							
Brown Booby								
Red-footed Booby			51					
Great Frigatebird	2							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
White-Necked Petrel	1							
unidentified:								
Shearwater/Petrel	1							
Booby			7					

Note: 68 birds
60 identified
7 species

Location

Observer Bratley, Ely, Fleet, King Date Dec 15, 1963 Time 7AM to 7PM

Weather Warm - partly cloudy - Strong winds directed toward ships bow
- Swells about 5 ft. deep with white caps.

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross	1							<i>followed ship all day</i>
Wedge-tailed Shearwater	5							
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel	2							
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	2							
White-tailed Tropicbird								
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Unidentified:								
shearwater	1							
Shearwater/Petrel	1							
Note:								12 birds 10 identified 4 species

Location

Observer Bratley, Ely, Fleet, King Date Dec 16, 1963 Time 7AM to 7PM

Weather Cooler - Partly cloudy - winds strong being directed into ships bow - swells about 5 foot in depth, from calm to white caps

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross								
Wedge-tailed Shearwater	4							
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird	4							
White-tailed Tropicbird	1							
Masked Booby								
Brown Booby								
Red-footed Booby	2							
Great Frigatebird								
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern	18							One flock of 16 - Rest singles (Not feeding)
Gray-backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern	1							
Dark-Rumped Petrel	1							
White-Necked Petrel	3							
Phoenix Island Petrel	2							? See notes
Harcourts Storm Petrel	2							
Unidentified:								
Shearwater/Petrel	9							Flock of six - other singles
Petrel	2							See notes for one was an oddity
bird sp.	9							Flock high above horizon - Frigates or Terns?
								Note: 58 birds 38 identified 10 species

Bratley, David A.
1963

Location

Observer Bratley, Ely, Fleet, King Date Dec. 17, 1963 Time 7AM to 3PM

Weather Fairly Warm - Partly cloudy to cloudy - Winds strong,
directed into ship's bow. - Swells about 5 feet deep with white caps.

SPECIES	Abundance				Breeding			Remarks
	1-10	10-100	100-1000	1000 +	Nests	Eggs	Young	
Laysan Albatross								
Black-footed Albatross	8							all following ship
Wedge-tailed Shearwater								
Christmas I. Shearwater								
Audubon's Shearwater								
Bonin I. Petrel								
Phoenix I. Petrel								
Bulwer's Petrel								
Sooty Petrel								
Red-tailed Tropicbird								
White-tailed Tropicbird	2							
Masked Booby								
Brown Booby								
Red-footed Booby								
Great Frigatebird	1							
Golden Plover								
Ruddy Turnstone								
Wandering Tattler								
Sanderling								
Bristle-thighed Curlew								
Sooty Tern								
Gray backed Tern								
Brown-winged Tern								
Common Noddy								
Hawaiian Noddy								
Blue-gray Noddy								
Fairy Tern								
Pomarine Jaeger	5							all following ship.

Note: 16 birds
4 species